

In the Abstract:

Please amend the abstract of the invention as follows:

A computer-readable medium for decoding non-biological microarray information is provided. The computer-readable medium includes information for decoding encoded array information obtained from an array that contains one or more array information features. ~~Methods and compositions for encoding and decoding array information on an array are provided. The methods involve contacting an array containing one or more array information features with a sample containing target that binds to at least one of the one or more array information features to produce at least one signal that provides information about the array.~~